

STORED WATER IN RESERVOIRS, TIJUANA RIVER BASIN

Data are presented below for all storage reservoirs in the Tijuana River Basin. The data represent contents on the last day of the month in thousand cubic meters. The reservoir capacities indicated are total capacities at the top of the spillway gates in closed position on the controlled spillways of Barrett and Rodriguez Dams, and at spillway level for Morena Dam, which has had an uncontrolled spillway since the spillway gates were removed in 1942. The records of storage reported below for Morena, Barrett, and Rodriguez Reservoirs are based on the capacities as determined by the following surveys: Morena 1948; Barrett 1948, 1951, and 1955; and Rodriguez 1927, when the reservoir area was initially surveyed.

The storage data for Morena and Barrett reservoirs are obtained and provided by the City of San Diego, California and the U.S. Geological Survey. The data for Rodriguez Dam were provided by the Secretariat of Hydraulic Resources in Mexico up to May 1961, from June 1961 to March 1966 the data were provided by the Potable Water and Sewerage Board for the Urban District of Tijuana, from April 1966 to December 1991, the data were provided by the State Public Service Commission of Tijuana, Baja California, and since 1992, by the National Water Commission of Mexico.

IN THOUSAND CUBIC METERS									
	MORENA RESERVOIR, CALIFORNIA (Capacity 61,933)		BARRETT RESERVOIR, CALIFORNIA (Capacity 55,211)		RODRIGUEZ RESERVOIR, BAJA CALIFORNIA (Capacity 138,000)		TOTAL IN TIJUANA RIVER BASIN RESERVOIRS (Capacity 255,147)		
Month	2001	Average 1937-2001	2001	Average 1937-2001	2001	Average 1937-2001	2001	Average 1937-2001	
Jan.	19,036	25,152	11,143	18,976	13,098	41,383	43,277	85,511	
Feb.	19,269	26,468	8,945	19,940	13,326	43,844	41,540	90,252	
Mar.	19,459	27,891	7,539	22,192	13,440	49,280	40,438	99,363	
April	19,067	28,047	7,011	22,868	13,269	50,171	39,347	101,086	
May	16,344	27,829	7,965	22,653	13,666	49,319	37,975	99,801	
June	13,429	27,128	8,670	21,863	12,623	48,156	34,722	97,147	
July	10,616	26,130	9,570	20,948	12,011	45,549	32,197	92,827	
Aug.	8,156	25,599	9,982	19,947	11,586	43,486	29,724	89,032	
Sept.	7,811	24,894	9,482	19,206	11,093	41,886	28,386	85,986	
Oct.	7,606	24,410	9,380	18,528	10,685	40,292	27,671	83,230	
Nov.	7,420	24,205	9,317	18,013	10,418	39,508	27,155	81,726	
Dec.	7,377	24,278	9,349	18,182	10,250	39,346	26,976	81,806	
Avg.	12,966	26,019	9,029	20,276	12,122	44,352	34,117	90,647	
Max.	19,459	#! 76,069	11,143	*! 56,641	13,666	! 138,486	43,277	! 263,471	
Min.	7,377	!! 12	7,011	!! 131	10,250	!! 0	26,976	!! 1,559	

- March 31, 1941 - Prior to removal of spillway gates
* - April 30, 1937 - Sandbags were placed on crest of spillway
! - Maximum end of month storage for period of record
!!- Minimum end of month storage for period of record